

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-5 (cancel)

Claim 6 (currently amended): A method of detecting breast cancer in a patient comprising the steps of:

- (a) obtaining a test sample from said patient;
- (b) detecting present of at least one messenger ribonucleic acid (mRNA) molecule in said sample, wherein translation of said at least one mRNA molecule results in production of a polypeptide selected from the group consisting of mammaglobin (SEQ ID NO:5), BU101 (SEQ ID NO:6) and BS106 (SEQ ID NO:8);
- (c) creating a complementary deoxyribonucleic acid (cDNA) molecule from said at least one mRNA molecule; and
- (d) detecting presence of said cDNA molecule, presence of said cDNA molecule indicating presence of breast cancer in said patient.

Claim 7 (currently amended): The method of claim 6 further comprising the step of amplifying said cDNA, wherein said cDNA comprises a nucleotide sequence encoding at least one polypeptide selected from the group consisting of mammaglobin (SEQ ID NO:5), BU101 (SEQ ID NO:6) and BS106 (SEQ ID NO:8).

Claim 8 (currently amended): A method of detecting breast cancer in a patient comprising the steps of:

- (a) obtaining a test sample from said patient;
- (b) isolating at least one mRNA molecule from said test sample, wherein translation of said at least one mRNA molecule results in production of a polypeptide selected from the group consisting of mammaglobin (SEQ ID NO:5), BU101 (SEQ ID NO:6) and BS106 (SEQ ID NO:8);

(c) detecting a translation product of said at least one mRNA molecule, wherein presence of a translation product selected from the group consisting of mammaglobin (SEQ ID NO:5), BU101 (SEQ ID NO:6) and BS106 (SEQ ID NO:8) indicates presence of breast cancer in said patient.